

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Study Summary

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
Male							
Battelle Northwest	052001106	07/21/03	729	50 (5)	37(689)	53.4	1-Bromopropane
Battelle Northwest	059601106	06/11/01	729	50 (5)	38(709)	53.9	Cumene
Battelle Northwest	059901706	08/18/03	729	50 (5)	31(686)	53.8	Diethylamine
Battelle Northwest	058800406	09/27/99	729	50 (5)	41(702)	52.2	Divinylbenzene
Battelle Northwest	059700602	06/05/00	729	50 (5)	40(709)	53.2	Methyl isobutyl ketone
Battelle Northwest	058800604	07/30/01	729	50 (5)	35(698)	54.9	alpha-Methylstyrene
Battelle Northwest	059700806	09/17/01	729	50 (5)	37(694)	53.5	Propargyl alcohol
Battelle Northwest	059302506	06/23/03	729	50 (5)	36(695)	52.9	Tetralin
Female							
Battelle Northwest	052001106	07/21/03	731	50 (5)	36(698)	61.2	1-Bromopropane
Battelle Northwest	059601106	06/11/01	731	50 (5)	37(685)	60.7	Cumene
Battelle Northwest	059901706	08/18/03	731	50 (5)	32(684)	60.7	Diethylamine
Battelle Northwest	058800406	09/27/99	731	50 (5)	33(681)	63.0	Divinylbenzene
Battelle Northwest	059700602	06/05/00	731	50 (5)	35(695)	60.3	Methyl isobutyl ketone
Battelle Northwest	058800604	07/30/01	731	50 (5)	39(701)	58.6	alpha-Methylstyrene
Battelle Northwest	059700806	09/17/01	731	50 (5)	39(699)	58.3	Propargyl alcohol
Battelle Northwest	059302506	06/23/03	731	50 (5)	31(663)	62.1	Tetralin

NOTE: The text on page 2 ("Report Description") describes how the studies listed here are displayed on the data pages that follow.

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Male												Female					
#All Organs:																	
Benign Tumors																	
		36/50	(72%)	43/50	(86%)	33/50	(66%)		22/50	(44%)	34/50	(68%)	25/50	(50%)			
		35/50	(70%)	27/50	(54%)	35/50	(70%)		28/50	(56%)	29/50	(58%)	26/50	(52%)			
		28/50	(56%)	42/50	(84%)				26/50	(52%)	24/50	(48%)					
Overall Incidence	Total	279/400	(69.75%)	Mean	69.75%	SD	11.49%	Total	214/400	(53.5%)	Mean	53.5%	SD	7.31%			
.....																	
#All Organs:																	
Malignant Tumors																	
		30/50	(60%)	27/50	(54%)	36/50	(72%)		33/50	(66%)	26/50	(52%)	23/50	(46%)			
		26/50	(52%)	29/50	(58%)	19/50	(38%)		22/50	(44%)	30/50	(60%)	29/50	(58%)			
		22/50	(44%)	26/50	(52%)				23/50	(46%)	27/50	(54%)					
Overall Incidence	Total	215/400	(53.75%)	Mean	53.75%	SD	10.28%	Total	213/400	(53.25%)	Mean	53.25%	SD	7.78%			
.....																	
#All Organs:																	
Malignant and Benign Tumors																	
		47/50	(94%)	48/50	(96%)	48/50	(96%)		42/50	(84%)	42/50	(84%)	41/50	(82%)			
		43/50	(86%)	45/50	(90%)	43/50	(86%)		40/50	(80%)	42/50	(84%)	40/50	(80%)			
		38/50	(76%)	47/50	(94%)				37/50	(74%)	40/50	(80%)					
Overall Incidence	Total	359/400	(89.75%)	Mean	89.75%	SD	6.88%	Total	324/400	(81%)	Mean	81%	SD	3.38%			
.....																	
#All Organs:																	
Hemangioma																	
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	1/50	(2%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	1/50	(2%)			
		0/50	(0%)	1/50	(2%)				0/50	(0%)	0/50	(0%)					
Overall Incidence	Total	3/400	(0.75%)	Mean	0.75%	SD	1.04%	Total	2/400	(0.5%)	Mean	0.5%	SD	0.93%			
.....																	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

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Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Male										Female					
#All Organs:															
Hemangiosarcoma															
		2/50	(4%)	0/50	(0%)	7/50	(14%)	4/50	(8%)	1/50	(2%)	5/50	(10%)		
		6/50	(12%)	3/50	(6%)	4/50	(8%)	1/50	(2%)	3/50	(6%)	4/50	(8%)		
		2/50	(4%)	4/50	(8%)			2/50	(4%)	2/50	(4%)				
Overall Incidence	Total	28/400	(7%)	Mean	7%	SD	4.54%	Total	22/400	(5.5%)	Mean	5.5%	SD	2.98%	
.....															
#All Organs:															
Hemangiosarcoma or Hemangioma															
		2/50	(4%)	1/50	(2%)	7/50	(14%)	4/50	(8%)	1/50	(2%)	5/50	(10%)		
		6/50	(12%)	4/50	(8%)	4/50	(8%)	2/50	(4%)	3/50	(6%)	5/50	(10%)		
		2/50	(4%)	5/50	(10%)			2/50	(4%)	2/50	(4%)				
Overall Incidence	Total	31/400	(7.75%)	Mean	7.75%	SD	4.2%	Total	24/400	(6%)	Mean	6%	SD	3.02%	
.....															
#All Organs:															
Histiocytic Sarcoma															
		0/50	(0%)	0/50	(0%)	1/50	(2%)	1/50	(2%)	0/50	(0%)	1/50	(2%)		
		1/50	(2%)	1/50	(2%)	0/50	(0%)	1/50	(2%)	3/50	(6%)	1/50	(2%)		
		1/50	(2%)	0/50	(0%)			1/50	(2%)	2/50	(4%)				
Overall Incidence	Total	4/400	(1%)	Mean	1%	SD	1.07%	Total	10/400	(2.5%)	Mean	2.5%	SD	1.77%	
.....															
#All Organs:															
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type															
		2/50	(4%)	2/50	(4%)	2/50	(4%)	17/50	(34%)	7/50	(14%)	8/50	(16%)		
		1/50	(2%)	1/50	(2%)	0/50	(0%)	11/50	(22%)	13/50	(26%)	15/50	(30%)		
		1/50	(2%)	2/50	(4%)			13/50	(26%)	12/50	(24%)				
Overall Incidence	Total	11/400	(2.75%)	Mean	2.75%	SD	1.49%	Total	96/400	(24%)	Mean	24%	SD	6.68%	

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Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male										Female											
#All Organs:																					
Mesothelioma: Benign, Malignant, NOS																					
		0/50	(0%)	0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total		0/400	(0%)	Mean	0%	SD	0%						
.....																					
#All Organs:																					
Mesothelioma: Malignant																					
		0/50	(0%)	0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total		0/400	(0%)	Mean	0%	SD	0%						
.....																					
#All Organs:																					
Osteoma																					
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total		0/400	(0%)	Mean	0%	SD	0%						
.....																					
#All Organs:																					
Osteosarcoma																					
		1/50	(2%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		1/50	(2%)	0/50	(0%)					0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	2/400	(0.5%)	Mean	0.5%	SD	0.93%	Total		0/400	(0%)	Mean	0%	SD	0%						
.....																					

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#: Denominator is number of animals necropsied

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Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Male												Female			
#All Organs:															
Osteosarcoma or Osteoma															
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	2/400	(0.5%)	Mean	0.5%	SD	0.93%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
*Adrenal Cortex:															
Adenoma															
		4/49	(8%)	1/50	(2%)	6/50	(12%)	0/50	(0%)	0/50	(0%)	1/50	(2%)		
		3/49	(6%)	2/50	(4%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)		
		1/49	(2%)	2/49	(4%)			0/49	(0%)	0/50	(0%)				
Overall Incidence	Total	19/396	(4.8%)	Mean	4.8%	SD	3.86%	Total	2/399	(0.5%)	Mean	0.5%	SD	0.93%	
.....															
*Adrenal Cortex:															
Sarcoma															
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/49	(0%)	0/49	(0%)			0/49	(0%)	0/50	(0%)				
Overall Incidence	Total	0/396	(0%)	Mean	0%	SD	0%	Total	0/399	(0%)	Mean	0%	SD	0%	
.....															
*Adrenal Medulla:															
Pheochromocytoma Benign															
		1/50	(2%)	0/50	(0%)	0/50	(0%)	3/50	(6%)	0/50	(0%)	0/50	(0%)		
		2/49	(4%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	2/50	(4%)	2/50	(4%)		
		0/47	(0%)	1/47	(2%)			1/48	(2%)	0/50	(0%)				
Overall Incidence	Total	4/393	(1.02%)	Mean	1.03%	SD	1.55%	Total	8/397	(2.02%)	Mean	2.01%	SD	2.39%	

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Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Male														Female					
*Adrenal Medulla: Pheochromocytoma Complex																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/49	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)					
		0/47	(0%)	0/47	(0%)				0/48	(0%)	0/50	(0%)							
Overall Incidence	Total	0/393	(0%)	Mean	0%	SD	0%	Total	0/397	(0%)	Mean	0%	SD	0%					
.....																			
*Adrenal Medulla: Pheochromocytoma Malignant																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)					
		0/49	(0%)	1/50	(2%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)					
		0/47	(0%)	0/47	(0%)				0/48	(0%)	0/50	(0%)							
Overall Incidence	Total	1/393	(0.25%)	Mean	0.25%	SD	0.71%	Total	1/397	(0.25%)	Mean	0.25%	SD	0.71%					
.....																			
*Adrenal Medulla: Pheochromocytoma: Benign, Complex, Malignant, NOS																			
		1/50	(2%)	0/50	(0%)	0/50	(0%)		4/50	(8%)	0/50	(0%)	0/50	(0%)					
		2/49	(4%)	1/50	(2%)	0/50	(0%)		0/49	(0%)	2/50	(4%)	2/50	(4%)					
		0/47	(0%)	1/47	(2%)				1/48	(2%)	0/50	(0%)							
Overall Incidence	Total	5/393	(1.27%)	Mean	1.28%	SD	1.52%	Total	9/397	(2.27%)	Mean	2.26%	SD	2.91%					
.....																			
*Bone Marrow: Hemangiosarcoma																			
		0/48	(0%)	0/50	(0%)	2/50	(4%)		0/50	(0%)	0/49	(0%)	1/50	(2%)					
		2/50	(4%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)				2/50	(4%)	1/50	(2%)							
Overall Incidence	Total	4/398	(1.01%)	Mean	1%	SD	1.85%	Total	4/398	(1.01%)	Mean	1%	SD	1.51%					
.....																			

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Route: INHALATION
Vehicle: AIR

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Male														Female					
*Bone Marrow:																			
Mast Cell Tumor Malignant																			
		0/48	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/49	(0%)	0/50	(0%)					
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)							
Overall Incidence	Total	1/398	(0.25%)	Mean	0.25%	SD	0.71%	Total	0/398	(0%)	Mean	0%	SD	0%					
.....																			
#Bone:																			
Hemangiosarcoma																			
		0/50	(0%)	0/50	(0%)	1/50	(2%)		1/50	(2%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)				0/50	(0%)	1/50	(2%)							
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total	2/400	(0.5%)	Mean	0.5%	SD	0.93%					
.....																			
#Bone:																			
Osteoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)							
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%					
.....																			
#Bone:																			
Osteosarcoma																			
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		1/50	(2%)	0/50	(0%)				0/50	(0%)	0/50	(0%)							
Overall Incidence	Total	2/400	(0.5%)	Mean	0.5%	SD	0.93%	Total	0/400	(0%)	Mean	0%	SD	0%					

*: Denominator is number of animals with tissues examined microscopically

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Male								Female							
#Bone:															
Osteosarcoma or Osteoma															
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	2/400	(0.5%)	Mean	0.5%	SD	0.93%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Bone:															
Sarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
*Brain:															
Meningioma Benign															
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
*Brain:															
Meningioma: Benign, Malignant, NOS															
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															

*: Denominator is number of animals with tissues examined microscopically
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Vehicle: AIR

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Male						Female								
*Brain:														
Schwannoma Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)				0/50	(0%)				
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
*Clitoral/Preputial Gland:														
Adenoma														
		0/49	(0%)	0/49	(0%)	0/50	(0%)		0/46	(0%)	0/41	(0%)	0/46	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/47	(0%)	0/45	(0%)	0/43	(0%)
		0/50	(0%)	0/50	(0%)				0/42	(0%)	0/46	(0%)		
Overall Incidence	Total	0/398	(0%)	Mean	0%	SD	0%	Total	0/356	(0%)	Mean	0%	SD	0%
*Clitoral/Preputial Gland:														
Carcinoma														
		0/49	(0%)	0/49	(0%)	0/50	(0%)		0/46	(0%)	0/41	(0%)	0/46	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/47	(0%)	0/45	(0%)	0/43	(0%)
		0/50	(0%)	0/50	(0%)				0/42	(0%)	0/46	(0%)		
Overall Incidence	Total	0/398	(0%)	Mean	0%	SD	0%	Total	0/356	(0%)	Mean	0%	SD	0%
*Clitoral/Preputial Gland:														
Carcinoma or Adenoma														
		0/49	(0%)	0/49	(0%)	0/50	(0%)		0/46	(0%)	0/41	(0%)	0/46	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/47	(0%)	0/45	(0%)	0/43	(0%)
		0/50	(0%)	0/50	(0%)				0/42	(0%)	0/46	(0%)		
Overall Incidence	Total	0/398	(0%)	Mean	0%	SD	0%	Total	0/356	(0%)	Mean	0%	SD	0%

#: Denominator is number of animals with tissues examined microscopically
*: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male						Female						
*Clitoral/Preputial Gland: Hemangioma												
		0/49	(0%)	0/49	(0%)	0/50	(0%)	0/46	(0%)	0/41	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/47	(0%)	0/45	(0%)	
		0/50	(0%)	0/50	(0%)			0/42	(0%)	0/46	(0%)	
Overall Incidence	Total	0/398	(0%)	Mean	0%	SD	0%	Total	0/356	(0%)	Mean	0%
.....												
*Clitoral/Preputial Gland: Hemangiosarcoma												
		0/49	(0%)	0/49	(0%)	0/50	(0%)	0/46	(0%)	0/41	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/47	(0%)	0/45	(0%)	
		0/50	(0%)	0/50	(0%)			0/42	(0%)	0/46	(0%)	
Overall Incidence	Total	0/398	(0%)	Mean	0%	SD	0%	Total	0/356	(0%)	Mean	0%
.....												
*Clitoral/Preputial Gland: Squamous Cell Carcinoma												
		0/49	(0%)	0/49	(0%)	0/50	(0%)	0/46	(0%)	0/41	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/47	(0%)	0/45	(0%)	
		0/50	(0%)	0/50	(0%)			0/42	(0%)	0/46	(0%)	
Overall Incidence	Total	0/398	(0%)	Mean	0%	SD	0%	Total	1/356	(0.28%)	Mean	0.29%
.....												
*Epididymis: Sarcoma												
		0/50	(0%)	0/50	(0%)	0/49	(0%)					
		1/50	(2%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)							
Overall Incidence	Total	1/399	(0.25%)	Mean	0.25%	SD	0.71%					

#: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male														Female					
#Esophagus: Squamous Cell Carcinoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)							
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%					
.....																			
#Eye: Sarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)							
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%					
.....																			
*Gallbladder: Adenoma																			
		0/40	(0%)	0/43	(0%)	0/36	(0%)		0/43	(0%)	0/38	(0%)	0/38	(0%)					
		1/42	(2%)	0/43	(0%)	0/42	(0%)		0/45	(0%)	0/42	(0%)	0/47	(0%)					
		0/40	(0%)	0/43	(0%)				0/41	(0%)	0/42	(0%)							
Overall Incidence	Total	1/329	(0.3%)	Mean	0.3%	SD	0.84%	Total	0/336	(0%)	Mean	0%	SD	0%					
.....																			
#Harderian Gland: Adenoma																			
		7/50	(14%)	8/50	(16%)	4/50	(8%)		3/50	(6%)	8/50	(16%)	3/50	(6%)					
		5/50	(10%)	5/50	(10%)	10/50	(20%)		4/50	(8%)	6/50	(12%)	3/50	(6%)					
		3/50	(6%)	2/50	(4%)				4/50	(8%)	1/50	(2%)							
Overall Incidence	Total	44/400	(11%)	Mean	11%	SD	5.35%	Total	32/400	(8%)	Mean	8%	SD	4.28%					
.....																			

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male						Female								
#Harderian Gland: Carcinoma														
		3/50	(6%)	4/50	(8%)	4/50	(8%)	2/50	(4%)	5/50	(10%)	2/50	(4%)	
		1/50	(2%)	2/50	(4%)	1/50	(2%)	2/50	(4%)	1/50	(2%)	1/50	(2%)	
		3/50	(6%)	3/50	(6%)			0/50	(0%)	1/50	(2%)			
Overall Incidence	Total	21/400	(5.25%)	Mean	5.25%	SD	2.38%	Total	14/400	(3.5%)	Mean	3.5%	SD	2.98%
.....														
#Harderian Gland: Carcinoma or Adenoma														
		10/50	(20%)	11/50	(22%)	8/50	(16%)	5/50	(10%)	12/50	(24%)	5/50	(10%)	
		6/50	(12%)	7/50	(14%)	11/50	(22%)	6/50	(12%)	7/50	(14%)	4/50	(8%)	
		6/50	(12%)	5/50	(10%)			4/50	(8%)	2/50	(4%)			
Overall Incidence	Total	64/400	(16%)	Mean	16%	SD	4.78%	Total	45/400	(11.25%)	Mean	11.25%	SD	5.95%
.....														
#Harderian Gland: Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														
*Heart: Hemangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male												Female			
*Heart:															
Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	1/50	(2%)		1/50	(2%)	0/50	(0%)	0/50	(0%)	
		2/50	(4%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	4/400	(1%)	Mean	1%	SD	1.51%	Total	2/400	(0.5%)	Mean	0.5%	SD	0.93%	
.....															
*Heart:															
Sarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Intestine Large: Cecum:															
Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Intestine Large: Cecum:															
Carcinoma or Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male								Female							
#Intestine Large: Cecum: Leiomyoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
#Intestine Large: Cecum: Polyp Adenomatous															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Intestine Large: Colon/Rectum: Leiomyosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)				
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
#Intestine Small: Duodenum: Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Page: 141
Report Date:11/17/2008

Male										Female					
#Intestine Small: Duodenum: Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Intestine Small: Duodenum: Leiomyosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)				
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
#Intestine Small: Duodenum: Polyp Adenomatous															
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Intestine Small: Ileum: Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Page: 142
Report Date: 11/17/2008

Male								Female							
#Intestine Small: Ileum: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Intestine Small: Ileum: Polyp Adenomatous															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)				
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
#Intestine Small: Jejunum: Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Intestine Small: Jejunum: Carcinoma															
		4/50	(8%)	1/50	(2%)	2/50	(4%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		3/50	(6%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	11/400	(2.75%)	Mean	2.75%	SD	3.01%	Total	0/400	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male						Female								
#Intestine Small: Jejunum: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Jejunum: Leiomyosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Jejunum: Polyp Adenomatous														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Site Unspecified: Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male												Female			
#Intestine Small: Site Unspecified: Carcinoma															
		4/50	(8%)	1/50	(2%)	2/50	(4%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		3/50	(6%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		1/50	(2%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	11/400	(2.75%)	Mean	2.75%	SD	3.01%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Intestine Small: Site Unspecified: Carcinoma or Adenoma															
		4/50	(8%)	1/50	(2%)	2/50	(4%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		3/50	(6%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)	
		1/50	(2%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	12/400	(3%)	Mean	3%	SD	2.83%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
#Intestine Small: Site Unspecified: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Intestine Small: Site Unspecified: Leiomyosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	1/50	(2%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Male								Female							
#Intestine Small: Site Unspecified: Polyp Adenomatous															
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	1/50	(2%)			
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
*Islets, Pancreatic: Adenoma															
		0/48	(0%)	0/50	(0%)	2/50	(4%)		0/50	(0%)	1/49	(2%)	0/50	(0%)	
		1/49	(2%)	1/49	(2%)	0/50	(0%)		0/48	(0%)	0/50	(0%)	0/49	(0%)	
		1/49	(2%)	2/49	(4%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	7/394	(1.78%)	Mean	1.78%	SD	1.69%	Total	1/396	(0.25%)	Mean	0.26%	SD	0.72%	
.....															
*Islets, Pancreatic: Carcinoma															
		0/48	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/49	(0%)	0/50	(0%)	
		0/49	(0%)	0/49	(0%)	1/50	(2%)		1/48	(2%)	0/50	(0%)	0/49	(0%)	
		0/49	(0%)	0/49	(0%)				1/50	(2%)	0/50	(0%)			
Overall Incidence	Total	1/394	(0.25%)	Mean	0.25%	SD	0.71%	Total	2/396	(0.51%)	Mean	0.51%	SD	0.95%	
.....															
*Islets, Pancreatic: Carcinoma or Adenoma															
		0/48	(0%)	0/50	(0%)	2/50	(4%)		0/50	(0%)	1/49	(2%)	0/50	(0%)	
		1/49	(2%)	1/49	(2%)	1/50	(2%)		1/48	(2%)	0/50	(0%)	0/49	(0%)	
		1/49	(2%)	2/49	(4%)				1/50	(2%)	0/50	(0%)			
Overall Incidence	Total	8/394	(2.03%)	Mean	2.03%	SD	1.53%	Total	3/396	(0.76%)	Mean	0.77%	SD	1.06%	
.....															

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male								Female							
*Kidney: Renal Tubule: Adenoma															
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)		
		0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/397	(0%)	Mean	0%	SD	0%	Total	0/398	(0%)	Mean	0%	SD	0%	
.....															
*Kidney: Renal Tubule: Carcinoma															
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)		
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)		
		0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	1/397	(0.25%)	Mean	0.25%	SD	0.71%	Total	0/398	(0%)	Mean	0%	SD	0%	
.....															
*Kidney: Renal Tubule: Carcinoma or Adenoma															
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)		
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)		
		0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	1/397	(0.25%)	Mean	0.25%	SD	0.71%	Total	0/398	(0%)	Mean	0%	SD	0%	
.....															
*Liver: Cholangiocarcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)		
		0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/398	(0%)	Mean	0%	SD	0%	Total	0/399	(0%)	Mean	0%	SD	0%	

#: Denominator is number of animals with tissues examined microscopically
*: Denominator is number of animals necropsied

Version: Nov2008
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male														Female					
*Liver:																			
Fibrous Histiocytoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)					
		0/49	(0%)	0/49	(0%)				0/50	(0%)	0/50	(0%)							
Overall Incidence	Total	0/398	(0%)	Mean	0%	SD	0%	Total	0/399	(0%)	Mean	0%	SD	0%					
.....																			
*Liver:																			
Hemangioma																			
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	1/50	(2%)					
		0/49	(0%)	0/49	(0%)				0/50	(0%)	0/50	(0%)							
Overall Incidence	Total	2/398	(0.5%)	Mean	0.5%	SD	0.93%	Total	1/399	(0.25%)	Mean	0.25%	SD	0.71%					
.....																			
*Liver:																			
Hemangiosarcoma																			
		1/50	(2%)	0/50	(0%)	2/50	(4%)		0/50	(0%)	0/50	(0%)	1/50	(2%)					
		3/50	(6%)	2/50	(4%)	4/50	(8%)		0/49	(0%)	1/50	(2%)	1/50	(2%)					
		1/49	(2%)	1/49	(2%)				0/50	(0%)	2/50	(4%)							
Overall Incidence	Total	14/398	(3.52%)	Mean	3.51%	SD	2.56%	Total	5/399	(1.25%)	Mean	1.25%	SD	1.49%					
.....																			
*Liver:																			
Hepatoblastoma																			
		1/50	(2%)	1/50	(2%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	1/50	(2%)	0/50	(0%)					
		0/49	(0%)	0/49	(0%)				0/50	(0%)	0/50	(0%)							
Overall Incidence	Total	3/398	(0.75%)	Mean	0.75%	SD	1.04%	Total	1/399	(0.25%)	Mean	0.25%	SD	0.71%					
.....																			

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2008
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date: 11/17/2008

Male												Female			
*Liver:															
Hepatocellular Adenoma															
		30/50	(60%)	34/50	(68%)	28/50	(56%)			19/50	(38%)	18/50	(36%)	14/50	(28%)
		22/50	(44%)	17/50	(34%)	24/50	(48%)			17/49	(35%)	13/50	(26%)	10/50	(20%)
		21/49	(43%)	33/49	(67%)					15/50	(30%)	14/50	(28%)		
Overall Incidence	Total	209/398	(52.51%)	Mean	52.53%	SD	12.29%		Total	120/399	(30.08%)	Mean	30.09%	SD	5.93%
.....															
*Liver:															
Hepatocellular Carcinoma															
		15/50	(30%)	13/50	(26%)	20/50	(40%)			5/50	(10%)	10/50	(20%)	4/50	(8%)
		13/50	(26%)	12/50	(24%)	10/50	(20%)			5/49	(10%)	6/50	(12%)	3/50	(6%)
		10/49	(20%)	11/49	(22%)					4/50	(8%)	7/50	(14%)		
Overall Incidence	Total	104/398	(26.13%)	Mean	26.11%	SD	6.5%		Total	44/399	(11.03%)	Mean	11.03%	SD	4.4%
.....															
*Liver:															
Hepatocellular Carcinoma or Hepatoblastoma															
		16/50	(32%)	14/50	(28%)	20/50	(40%)			5/50	(10%)	10/50	(20%)	4/50	(8%)
		13/50	(26%)	12/50	(24%)	10/50	(20%)			5/49	(10%)	6/50	(12%)	3/50	(6%)
		10/49	(20%)	11/49	(22%)					4/50	(8%)	7/50	(14%)		
Overall Incidence	Total	106/398	(26.63%)	Mean	26.61%	SD	6.73%		Total	44/399	(11.03%)	Mean	11.03%	SD	4.4%
.....															
*Liver:															
Hepatocellular Carcinoma or Hepatocellular Adenoma															
		38/50	(76%)	40/50	(80%)	40/50	(80%)			24/50	(48%)	25/50	(50%)	16/50	(32%)
		30/50	(60%)	27/50	(54%)	28/50	(56%)			19/49	(39%)	17/50	(34%)	13/50	(26%)
		26/49	(53%)	37/49	(76%)					17/50	(34%)	20/50	(40%)		
Overall Incidence	Total	266/398	(66.83%)	Mean	66.82%	SD	12.1%		Total	151/399	(37.84%)	Mean	37.85%	SD	8.11%

#: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date: 11/17/2008

Male												Female					
*Liver:																	
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma																	
		38/50	(76%)	41/50	(82%)	40/50	(80%)		24/50	(48%)	25/50	(50%)	16/50	(32%)			
		30/50	(60%)	27/50	(54%)	28/50	(56%)		19/49	(39%)	17/50	(34%)	13/50	(26%)			
		26/49	(53%)	37/49	(76%)				17/50	(34%)	20/50	(40%)					
Overall Incidence	Total	267/398	(67.09%)	Mean	67.07%	SD	12.43%	Total	151/399	(37.84%)	Mean	37.85%	SD	8.11%			
.....																	
*Liver:																	
Hepatocholangiocarcinoma																	
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)			
		1/50	(2%)	5/50	(10%)	0/50	(0%)		1/49	(2%)	1/50	(2%)	0/50	(0%)			
		0/49	(0%)	0/49	(0%)				0/50	(0%)	0/50	(0%)					
Overall Incidence	Total	7/398	(1.76%)	Mean	1.75%	SD	3.45%	Total	2/399	(0.5%)	Mean	0.51%	SD	0.94%			
.....																	
*Liver:																	
Ito Cell Tumor Benign																	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)			
		0/49	(0%)	0/49	(0%)				0/50	(0%)	0/50	(0%)					
Overall Incidence	Total	0/398	(0%)	Mean	0%	SD	0%	Total	0/399	(0%)	Mean	0%	SD	0%			
.....																	
*Liver:																	
Ito Cell Tumor Malignant																	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/49	(0%)	0/50	(0%)	0/50	(0%)			
		0/49	(0%)	0/49	(0%)				0/50	(0%)	0/50	(0%)					
Overall Incidence	Total	1/398	(0.25%)	Mean	0.25%	SD	0.71%	Total	0/399	(0%)	Mean	0%	SD	0%			

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male						Female								
*Liver:														
Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)			
		0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/398	(0%)	Mean	0%	SD	0%	Total	0/399	(0%)	Mean	0%	SD	0%
*Lung:														
Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	1/399	(0.25%)	Mean	0.25%	SD	0.71%	Total	0/400	(0%)	Mean	0%	SD	0%
*Lung:														
Alveolar/Bronchiolar Adenoma														
		6/50	(12%)	13/50	(26%)	4/50	(8%)	1/50	(2%)	1/50	(2%)	2/50	(4%)	
		12/49	(24%)	9/50	(18%)	8/50	(16%)	4/50	(8%)	4/50	(8%)	1/50	(2%)	
		10/50	(20%)	10/50	(20%)			3/50	(6%)	6/50	(12%)			
Overall Incidence	Total	72/399	(18.05%)	Mean	18.06%	SD	6.02%	Total	22/400	(5.5%)	Mean	5.5%	SD	3.66%
*Lung:														
Alveolar/Bronchiolar Carcinoma														
		8/50	(16%)	9/50	(18%)	12/50	(24%)	0/50	(0%)	3/50	(6%)	3/50	(6%)	
		5/49	(10%)	5/50	(10%)	5/50	(10%)	2/50	(4%)	0/50	(0%)	1/50	(2%)	
		7/50	(14%)	11/50	(22%)			2/50	(4%)	0/50	(0%)			
Overall Incidence	Total	62/399	(15.54%)	Mean	15.53%	SD	5.5%	Total	11/400	(2.75%)	Mean	2.75%	SD	2.6%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male										Female											
*Lung: Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma																					
		13/50	(26%)	19/50	(38%)	15/50	(30%)			1/50	(2%)	4/50	(8%)	5/50	(10%)						
		16/49	(33%)	14/50	(28%)	13/50	(26%)			6/50	(12%)	4/50	(8%)	2/50	(4%)						
		17/50	(34%)	20/50	(40%)					5/50	(10%)	6/50	(12%)								
Overall Incidence	Total	127/399	(31.83%)	Mean	31.83%	SD	5.29%	Total	33/400	(8.25%)	Mean	8.25%	SD	3.62%							
*Lung: Fibrosarcoma																					
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/49	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	0/399	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%							
*Lung: Fibrous Histiocytoma																					
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/49	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	0/399	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%							
*Lung: Hemangiosarcoma																					
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	1/50	(2%)						
		0/49	(0%)	0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)					0/50	(0%)	1/50	(2%)								
Overall Incidence	Total	1/399	(0.25%)	Mean	0.25%	SD	0.71%	Total	2/400	(0.5%)	Mean	0.5%	SD	0.93%							

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male						Female								
*Lung:														
Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/399	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														
#Lymph Node:														
Fibrous Histiocytoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														
#Lymph Node:														
Hemangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														
#Lymph Node:														
Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Male										Female					
#Lymph Node: Sarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Lymph Node, Bronchial: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
#Lymph Node, Mandibular: Fibrous Histiocytoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Lymph Node, Mandibular: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	1/50	(2%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male						Female								
#Lymph Node, Mandibular: Mast Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)				0/50	(0%)				
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														
#Lymph Node, Mesenteric: Fibrous Histiocytoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)				0/50	(0%)				
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														
#Lymph Node, Mesenteric: Hemangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)				0/50	(0%)				
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														
#Lymph Node, Mesenteric: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)		
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)				0/50	(0%)				
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male												Female					
#Mammary Gland: Adenoacanthoma																	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%			
.....																	
#Mammary Gland: Adenoma																	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%			
.....																	
#Mammary Gland: Carcinoma																	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		2/50	(4%)	1/50	(2%)	4/50	(8%)			
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	1/50	(2%)			
		0/50	(0%)	0/50	(0%)				0/50	(0%)	1/50	(2%)					
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	10/400	(2.5%)	Mean	2.5%	SD	2.56%			
.....																	
#Mammary Gland: Carcinoma or Adenoma																	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		2/50	(4%)	1/50	(2%)	4/50	(8%)			
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	1/50	(2%)			
		0/50	(0%)	0/50	(0%)				0/50	(0%)	1/50	(2%)					
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	10/400	(2.5%)	Mean	2.5%	SD	2.56%			
.....																	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male						Female								
#Mammary Gland: Fibroadenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%
.....														
#Mammary Gland: Fibroma, Fibroadenoma or Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%
.....														
#Mammary Gland: Fibroma, Fibroadenoma, Carcinoma, or Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	2/50	(4%)	1/50	(2%)	5/50	(10%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	11/400	(2.75%)	Mean	2.75%	SD	3.2%
.....														
#Mesentery: Fibrosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male						Female								
#Mesentery:														
Hemangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														
#Mesentery:														
Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	1/50	(2%)	1/50	(2%)	0/50	(0%)	2/50	(4%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)			
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total	4/400	(1%)	Mean	1%	SD	1.51%
.....														
#Mesentery:														
Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														
*Nose:														
Hemangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/49	(0%)	
		0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/398	(0%)	Mean	0%	SD	0%	Total	1/399	(0.25%)	Mean	0.25%	SD	0.71%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male														Female					
*Nose:																			
Mast Cell Tumor Malignant																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)					
		0/49	(0%)	0/49	(0%)				0/50	(0%)	0/50	(0%)							
Overall Incidence	Total	0/398	(0%)	Mean	0%	SD	0%	Total	0/399	(0%)	Mean	0%	SD	0%					
.....																			
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):																			
Papilloma Squamous or Papilloma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)				1/50	(2%)	0/50	(0%)							
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%					
.....																			
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):																			
Squamous Cell Carcinoma																			
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)							
Overall Incidence	Total	2/400	(0.5%)	Mean	0.5%	SD	0.93%	Total	0/400	(0%)	Mean	0%	SD	0%					
.....																			
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):																			
Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma																			
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)					
		0/50	(0%)	0/50	(0%)				1/50	(2%)	0/50	(0%)							
Overall Incidence	Total	2/400	(0.5%)	Mean	0.5%	SD	0.93%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%					

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male								Female							
#Oral Mucosa:															
Squamous Cell Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
*Ovary:															
Choriocarcinoma															
									0/50	(0%)	0/48	(0%)	0/49	(0%)	
									0/48	(0%)	0/49	(0%)	0/48	(0%)	
									0/49	(0%)	0/50	(0%)			
Overall Incidence	Total							Total	0/391	(0%)	Mean	0%	SD	0%	
.....															
*Ovary:															
Cystadenoma															
									3/50	(6%)	5/48	(10%)	3/49	(6%)	
									3/48	(6%)	0/49	(0%)	2/48	(4%)	
									6/49	(12%)	2/50	(4%)			
Overall Incidence	Total							Total	24/391	(6.14%)	Mean	6.15%	SD	3.81%	
.....															
*Ovary:															
Fibrous Histiocytoma															
									0/50	(0%)	0/48	(0%)	0/49	(0%)	
									0/48	(0%)	0/49	(0%)	0/48	(0%)	
									0/49	(0%)	0/50	(0%)			
Overall Incidence	Total							Total	0/391	(0%)	Mean	0%	SD	0%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male			Female			
*Ovary:						
Granulosa Cell Tumor Benign						
		0/50 (0%)	0/48 (0%)	0/49 (0%)		
		0/48 (0%)	0/49 (0%)	0/48 (0%)		
		0/49 (0%)	0/50 (0%)			
Overall Incidence	Total	0/391 (0%)	Mean	0%	SD	0%
.....						
*Ovary:						
Granulosa Cell Tumor Malignant						
		0/50 (0%)	0/48 (0%)	0/49 (0%)		
		0/48 (0%)	0/49 (0%)	0/48 (0%)		
		0/49 (0%)	0/50 (0%)			
Overall Incidence	Total	0/391 (0%)	Mean	0%	SD	0%
.....						
*Ovary:						
Granulosa Cell Tumor: Benign, Malignant, NOS						
		0/50 (0%)	0/48 (0%)	0/49 (0%)		
		0/48 (0%)	0/49 (0%)	0/48 (0%)		
		0/49 (0%)	0/50 (0%)			
Overall Incidence	Total	0/391 (0%)	Mean	0%	SD	0%
.....						
*Ovary:						
Hemangioma						
		0/50 (0%)	0/48 (0%)	0/49 (0%)		
		0/48 (0%)	0/49 (0%)	0/48 (0%)		
		0/49 (0%)	0/50 (0%)			
Overall Incidence	Total	0/391 (0%)	Mean	0%	SD	0%
.....						

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male				Female			
*Ovary: Hemangiosarcoma							
		0/50	(0%)	0/48	(0%)	1/49	(2%)
		0/48	(0%)	0/49	(0%)	0/48	(0%)
		0/49	(0%)	0/50	(0%)		
Overall Incidence	Total	1/391	(0.26%)	Mean	0.26%	SD	0.72%
*Ovary: Leiomyosarcoma							
		0/50	(0%)	0/48	(0%)	0/49	(0%)
		0/48	(0%)	0/49	(0%)	0/48	(0%)
		1/49	(2%)	0/50	(0%)		
Overall Incidence	Total	1/391	(0.26%)	Mean	0.26%	SD	0.72%
*Ovary: Luteoma							
		1/50	(2%)	0/48	(0%)	0/49	(0%)
		1/48	(2%)	0/49	(0%)	0/48	(0%)
		0/49	(0%)	1/50	(2%)		
Overall Incidence	Total	3/391	(0.77%)	Mean	0.76%	SD	1.05%
*Ovary: Teratoma Benign							
		0/50	(0%)	1/48	(2%)	0/49	(0%)
		0/48	(0%)	0/49	(0%)	0/48	(0%)
		0/49	(0%)	1/50	(2%)		
Overall Incidence	Total	2/391	(0.51%)	Mean	0.51%	SD	0.95%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male										Female					
*Ovary:															
Teratoma Malignant															
										0/50	(0%)	0/48	(0%)	0/49	(0%)
										0/48	(0%)	0/49	(0%)	0/48	(0%)
										0/49	(0%)	1/50	(2%)		
Overall Incidence				Total				1/391 (0.26%)		Mean 0.25%		SD 0.71%			
.....															
*Ovary:															
Tubulostromal Adenoma															
										0/50	(0%)	0/48	(0%)	0/49	(0%)
										0/48	(0%)	0/49	(0%)	0/48	(0%)
										0/49	(0%)	0/50	(0%)		
Overall Incidence				Total				0/391 (0%)		Mean 0%		SD 0%			
.....															
*Pancreas:															
Adenoma															
		0/48	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)		
		0/49	(0%)	0/49	(0%)	0/50	(0%)	0/48	(0%)	0/50	(0%)	0/49	(0%)		
		0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence		Total	0/394 (0%)	Mean 0%		SD 0%		Total	0/396 (0%)	Mean 0%		SD 0%			
.....															
*Pancreas:															
Carcinoma															
		1/48	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)		
		0/49	(0%)	0/49	(0%)	0/50	(0%)	0/48	(0%)	0/50	(0%)	0/49	(0%)		
		0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence		Total	1/394 (0.25%)	Mean 0.26%		SD 0.74%		Total	0/396 (0%)	Mean 0%		SD 0%			
.....															

#: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Male								Female							
*Pancreas:															
Carcinoma or Adenoma															
		1/48	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)		
		0/49	(0%)	0/49	(0%)	0/50	(0%)	0/48	(0%)	0/50	(0%)	0/49	(0%)		
		0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	1/394	(0.25%)	Mean	0.26%	SD	0.74%	Total	0/396	(0%)	Mean	0%	SD	0%	
.....															
*Pituitary Gland: Pars Distalis or Unspecified Site:															
Adenoma															
		1/46	(2%)	1/48	(2%)	0/50	(0%)	5/46	(11%)	8/50	(16%)	10/50	(20%)		
		0/48	(0%)	0/50	(0%)	0/48	(0%)	8/47	(17%)	7/50	(14%)	4/50	(8%)		
		0/47	(0%)	0/50	(0%)			4/50	(8%)	6/49	(12%)				
Overall Incidence	Total	2/387	(0.52%)	Mean	0.53%	SD	0.99%	Total	52/392	(13.27%)	Mean	13.27%	SD	4.3%	
.....															
*Pituitary Gland: Pars Distalis or Unspecified Site:															
Carcinoma															
		0/46	(0%)	0/48	(0%)	0/50	(0%)	1/46	(2%)	0/50	(0%)	0/50	(0%)		
		0/48	(0%)	0/50	(0%)	0/48	(0%)	0/47	(0%)	0/50	(0%)	0/50	(0%)		
		0/47	(0%)	0/50	(0%)			1/50	(2%)	0/49	(0%)				
Overall Incidence	Total	0/387	(0%)	Mean	0%	SD	0%	Total	2/392	(0.51%)	Mean	0.52%	SD	0.97%	
.....															
*Pituitary Gland: Pars Distalis or Unspecified Site:															
Carcinoma or Adenoma															
		1/46	(2%)	1/48	(2%)	0/50	(0%)	6/46	(13%)	8/50	(16%)	10/50	(20%)		
		0/48	(0%)	0/50	(0%)	0/48	(0%)	8/47	(17%)	7/50	(14%)	4/50	(8%)		
		0/47	(0%)	0/50	(0%)			5/50	(10%)	6/49	(12%)				
Overall Incidence	Total	2/387	(0.52%)	Mean	0.53%	SD	0.99%	Total	54/392	(13.78%)	Mean	13.79%	SD	3.87%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male						Female								
*Pituitary Gland: Pars Intermedia: Adenoma														
		0/46	(0%)	0/48	(0%)	0/50	(0%)		0/46	(0%)	2/50	(4%)	2/50	(4%)
		0/48	(0%)	0/50	(0%)	1/48	(2%)		1/47	(2%)	0/50	(0%)	0/50	(0%)
		0/47	(0%)	0/50	(0%)				0/50	(0%)	1/49	(2%)		
Overall Incidence	Total	1/387	(0.26%)	Mean	0.26%	SD	0.74%	Total	6/392	(1.53%)	Mean	1.52%	SD	1.78%
.....														
*Pituitary Gland: Pars Intermedia: Carcinoma or Adenoma														
		0/46	(0%)	0/48	(0%)	0/50	(0%)		0/46	(0%)	2/50	(4%)	2/50	(4%)
		0/48	(0%)	0/50	(0%)	1/48	(2%)		1/47	(2%)	0/50	(0%)	0/50	(0%)
		0/47	(0%)	0/50	(0%)				0/50	(0%)	1/49	(2%)		
Overall Incidence	Total	1/387	(0.26%)	Mean	0.26%	SD	0.74%	Total	6/392	(1.53%)	Mean	1.52%	SD	1.78%
.....														
*Prostate: Adenoma														
		0/49	(0%)	0/50	(0%)	0/50	(0%)							
		0/48	(0%)	0/50	(0%)	0/50	(0%)							
		0/50	(0%)	0/49	(0%)									
Overall Incidence	Total	0/396	(0%)	Mean	0%	SD	0%							
.....														
*Prostate: Carcinoma or Adenoma														
		0/49	(0%)	0/50	(0%)	0/50	(0%)							
		0/48	(0%)	0/50	(0%)	0/50	(0%)							
		0/50	(0%)	0/49	(0%)									
Overall Incidence	Total	0/396	(0%)	Mean	0%	SD	0%							
.....														

#: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Male										Female											
*Prostate:																					
Hemangioma																					
		0/49	(0%)	0/50	(0%)	0/50	(0%)														
		0/48	(0%)	0/50	(0%)	0/50	(0%)														
		0/50	(0%)	0/49	(0%)																
Overall Incidence	Total	0/396	(0%)	Mean	0%	SD	0%														
.....																					
*Salivary Glands:																					
Carcinoma																					
		0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)								
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)																
Overall Incidence	Total	0/398	(0%)	Mean	0%	SD	0%	Total	1/399	(0.25%)	Mean	0.25%	SD	0.71%							
.....																					
*Salivary Glands:																					
Carcinoma or Adenoma																					
		0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)								
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)																
Overall Incidence	Total	0/398	(0%)	Mean	0%	SD	0%	Total	1/399	(0.25%)	Mean	0.25%	SD	0.71%							
.....																					
*Salivary Glands:																					
Mast Cell Tumor Malignant																					
		0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)								
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)																
Overall Incidence	Total	0/398	(0%)	Mean	0%	SD	0%	Total	0/399	(0%)	Mean	0%	SD	0%							
.....																					

#: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Male										Female											
#Seminal Vesicle: Adenoma																					
		1/50	(2%)	0/50	(0%)	0/50	(0%)														
		0/50	(0%)	0/50	(0%)	0/50	(0%)														
		0/50	(0%)	0/50	(0%)																
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%														
.....																					
#Skeletal Muscle: Fibrosarcoma																					
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)																
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%							
.....																					
#Skeletal Muscle: Hemangiosarcoma																					
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)																
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%							
.....																					
#Skeletal Muscle: Myxosarcoma																					
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)																
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%							
.....																					

#: Denominator is number of animals with tissues examined microscopically
*: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Male										Female					
#Skeletal Muscle:															
Rhabdomyosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Skeletal Muscle:															
Rhabdomyosarcoma or Rhabdomyoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Skeletal Muscle:															
Sarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Basal Cell Adenoma or Basosquamous Tumor Benign															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Male										Female					
#Skin:															
Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Basal Cell Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male								Female							
#Skin:															
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	2/400	(0.5%)	Mean	0.5%	SD	0.93%	
.....															
#Skin:															
Basosquamous Tumor Benign															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Fibroma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma															
		0/50	(0%)	2/50	(4%)	1/50	(2%)			8/50	(16%)	0/50	(0%)	4/50	(8%)
		3/50	(6%)	1/50	(2%)	0/50	(0%)			1/50	(2%)	4/50	(8%)	6/50	(12%)
		0/50	(0%)	2/50	(4%)					2/50	(4%)	1/50	(2%)		
Overall Incidence	Total	9/400	(2.25%)	Mean	2.25%	SD	2.25%	Total	26/400	(6.5%)	Mean	6.5%	SD	5.53%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Male														Female					
#Skin:																			
Fibrosarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%					
.....																			
#Skin:																			
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma																			
		0/50	(0%)	2/50	(4%)	1/50	(2%)	8/50	(16%)	0/50	(0%)	4/50	(8%)						
		3/50	(6%)	1/50	(2%)	0/50	(0%)	1/50	(2%)	4/50	(8%)	6/50	(12%)						
		0/50	(0%)	2/50	(4%)			2/50	(4%)	1/50	(2%)								
Overall Incidence	Total	9/400	(2.25%)	Mean	2.25%	SD	2.25%	Total	26/400	(6.5%)	Mean	6.5%	SD	5.53%					
.....																			
#Skin:																			
Fibrous Histiocytoma																			
		0/50	(0%)	1/50	(2%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)						
		2/50	(4%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	2/50	(4%)	0/50	(0%)						
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	5/400	(1.25%)	Mean	1.25%	SD	1.49%	Total	3/400	(0.75%)	Mean	0.75%	SD	1.49%					
.....																			
#Skin:																			
Hemangioma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)						
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total	0/400	(0%)	Mean	0%	SD	0%					

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male										Female					
#Skin:															
Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	1/50	(2%)		1/50	(2%)	1/50	(2%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	1/50	(2%)		1/50	(2%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	2/50	(4%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	4/400	(1%)	Mean	1%	SD	1.51%	Total	4/400	(1%)	Mean	1%	SD	1.07%	
.....															
#Skin:															
Liposarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
#Skin:															
Myxosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Neural Crest Tumor															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male								Female							
#Skin:															
Neurofibrosarcoma or Schwannoma (malignant or NOS)															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS)															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Osteosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Sarcoma															
		0/50	(0%)	1/50	(2%)	1/50	(2%)			7/50	(14%)	0/50	(0%)	4/50	(8%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)			1/50	(2%)	2/50	(4%)	6/50	(12%)
		0/50	(0%)	1/50	(2%)					2/50	(4%)	1/50	(2%)		
Overall Incidence	Total	4/400	(1%)	Mean	1%	SD	1.07%	Total	23/400	(5.75%)	Mean	5.75%	SD	5.06%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male								Female							
#Skin:															
Schwannoma Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Skin:															
Squamous Cell Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
#Skin:															
Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
#Skin:															
Squamous Cell Papilloma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)					0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male						Female					
#Skin:											
Squamous Cell Papilloma or Papilloma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean 0.25% SD 0.71%
.....											
#Skin:											
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	2/400	(0.5%)	Mean 0.5% SD 0.93%
.....											
#Skin:											
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean 0.25% SD 0.71%
.....											
#Skin:											
Trichoepithelioma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean 0% SD 0%
.....											

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male								Female							
#Skin: Sebaceous Gland: Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	1/50	(2%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
#Skin: Sebaceous Gland: Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Skin: Sebaceous Gland: Carcinoma or Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	1/50	(2%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
#Spinal Cord: Meningioma Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male						Female								
*Spleen: Fibrous Histiocytoma														
		0/48	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
		0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/395	(0%)	Mean	0%	SD	0%	Total	0/398	(0%)	Mean	0%	SD	0%
.....														
*Spleen: Hemangioma														
		0/48	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	
		0/49	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	
		0/49	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/395	(0%)	Mean	0%	SD	0%	Total	0/398	(0%)	Mean	0%	SD	0%
.....														
*Spleen: Hemangiosarcoma														
		2/48	(4%)	0/50	(0%)	3/50	(6%)	1/50	(2%)	0/49	(0%)	2/50	(4%)	
		1/49	(2%)	1/50	(2%)	1/50	(2%)	0/49	(0%)	1/50	(2%)	0/50	(0%)	
		1/49	(2%)	1/49	(2%)			1/50	(2%)	1/50	(2%)			
Overall Incidence	Total	10/395	(2.53%)	Mean	2.54%	SD	1.79%	Total	6/398	(1.51%)	Mean	1.5%	SD	1.41%
.....														
#Stomach, Forestomach: Mast Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Page: 177
Report Date:11/17/2008

Male								Female							
#Stomach, Forestomach: Squamous Cell Carcinoma															
		0/50	(0%)	0/50	(0%)	2/50	(4%)		0/50	(0%)	1/50	(2%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	2/400	(0.5%)	Mean	0.5%	SD	1.41%	Total	2/400	(0.5%)	Mean	0.5%	SD	0.93%	
.....															
#Stomach, Forestomach: Squamous Cell Carcinoma or Papilloma Squamous															
		0/50	(0%)	1/50	(2%)	2/50	(4%)		0/50	(0%)	1/50	(2%)	1/50	(2%)	
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)				1/50	(2%)	1/50	(2%)			
Overall Incidence	Total	4/400	(1%)	Mean	1%	SD	1.51%	Total	6/400	(1.5%)	Mean	1.5%	SD	0.93%	
.....															
#Stomach, Forestomach: Squamous Cell Papilloma															
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)				1/50	(2%)	1/50	(2%)			
Overall Incidence	Total	2/400	(0.5%)	Mean	0.5%	SD	0.93%	Total	4/400	(1%)	Mean	1%	SD	1.07%	
.....															
#Stomach, Glandular: Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male						Female								
#Stomach, Glandular: Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%
.....														
#Stomach, Glandular: Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%
.....														
*Testes: Adenoma														
		0/50	(0%)	1/50	(2%)	0/50	(0%)							
		1/50	(2%)	0/50	(0%)	0/50	(0%)							
		0/50	(0%)	0/50	(0%)									
Overall Incidence	Total	2/400	(0.5%)	Mean	0.5%	SD	0.93%							
.....														
*Testes: Hemangiosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)							
		0/50	(0%)	0/50	(0%)	0/50	(0%)							
		0/50	(0%)	0/50	(0%)									
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%							
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male										Female									
*Thymus:																			
Thymoma Malignant																			
		0/38	(0%)	0/45	(0%)	0/38	(0%)			0/49	(0%)	0/49	(0%)	0/47	(0%)				
		0/44	(0%)	1/42	(2%)	0/41	(0%)			0/49	(0%)	0/49	(0%)	0/50	(0%)				
		0/47	(0%)	0/47	(0%)					0/49	(0%)	0/48	(0%)						
Overall Incidence	Total	1/342	(0.29%)	Mean	0.3%	SD	0.84%	Total	0/390	(0%)	Mean	0%	SD	0%					
*Thymus:																			
Thymoma: Benign, Malignant, NOS																			
		0/38	(0%)	0/45	(0%)	0/38	(0%)			0/49	(0%)	0/49	(0%)	0/47	(0%)				
		0/44	(0%)	1/42	(2%)	0/41	(0%)			0/49	(0%)	0/49	(0%)	0/50	(0%)				
		0/47	(0%)	0/47	(0%)					0/49	(0%)	0/48	(0%)						
Overall Incidence	Total	1/342	(0.29%)	Mean	0.3%	SD	0.84%	Total	0/390	(0%)	Mean	0%	SD	0%					
*Thyroid Gland:																			
Adenoma																			
		0/49	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)				
		0/49	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)				
		0/49	(0%)	0/49	(0%)					0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	0/396	(0%)	Mean	0%	SD	0%	Total	0/398	(0%)	Mean	0%	SD	0%					
*Thyroid Gland: C-Cell:																			
Carcinoma																			
		0/49	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/50	(0%)				
		0/49	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	1/50	(2%)	0/50	(0%)				
		0/49	(0%)	0/49	(0%)					0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	0/396	(0%)	Mean	0%	SD	0%	Total	1/398	(0.25%)	Mean	0.25%	SD	0.71%					

#: Denominator is number of animals with tissues examined microscopically
*: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male								Female							
*Thyroid Gland: C-Cell: Carcinoma or Adenoma															
		0/49	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)	
		0/49	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	1/50	(2%)	0/50	(0%)	
		0/49	(0%)	0/49	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/396	(0%)	Mean	0%	SD	0%	Total	1/398	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
*Thyroid Gland: Follicular Cell: Adenoma															
		0/49	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	1/50	(2%)	0/50	(0%)	
		0/49	(0%)	0/50	(0%)	3/50	(6%)		0/49	(0%)	0/50	(0%)	3/50	(6%)	
		0/49	(0%)	0/49	(0%)				2/50	(4%)	0/50	(0%)			
Overall Incidence	Total	3/396	(0.76%)	Mean	0.75%	SD	2.12%	Total	6/398	(1.51%)	Mean	1.5%	SD	2.33%	
.....															
*Thyroid Gland: Follicular Cell: Carcinoma															
		0/49	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	1/50	(2%)	0/50	(0%)	
		0/49	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	1/50	(2%)	0/50	(0%)	
		0/49	(0%)	0/49	(0%)				0/50	(0%)	1/50	(2%)			
Overall Incidence	Total	0/396	(0%)	Mean	0%	SD	0%	Total	3/398	(0.75%)	Mean	0.75%	SD	1.04%	
.....															
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma															
		0/49	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	2/50	(4%)	0/50	(0%)	
		0/49	(0%)	0/50	(0%)	3/50	(6%)		0/49	(0%)	1/50	(2%)	3/50	(6%)	
		0/49	(0%)	0/49	(0%)				2/50	(4%)	1/50	(2%)			
Overall Incidence	Total	3/396	(0.76%)	Mean	0.75%	SD	2.12%	Total	9/398	(2.26%)	Mean	2.25%	SD	2.25%	

#: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Male								Female							
#Tissue NOS:															
Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				1/50	(2%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
#Tissue NOS:															
Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Tissue NOS:															
Schwannoma Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
#Tongue:															
Squamous Cell Carcinoma															
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total	0/400	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male								Female							
#Tongue:															
Squamous Cell Carcinoma or Papilloma Squamous															
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				1/50	(2%)	0/50	(0%)			
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
#Tongue:															
Squamous Cell Papilloma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				1/50	(2%)	0/50	(0%)			
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
#Tooth:															
Odontoma															
		0/50	(0%)	0/50	(0%)	2/50	(4%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	1/50	(2%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	3/400	(0.75%)	Mean	0.75%	SD	1.49%	Total	0/400	(0%)	Mean	0%	SD	0%	
.....															
*Urinary Bladder:															
Hemangioma															
		0/47	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/48	(0%)	0/50	(0%)	
		0/48	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/49	(0%)	
		0/49	(0%)	0/49	(0%)				0/50	(0%)	0/49	(0%)			
Overall Incidence	Total	0/393	(0%)	Mean	0%	SD	0%	Total	0/395	(0%)	Mean	0%	SD	0%	
.....															

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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Report Date:11/17/2008

Male										Female					
*Urinary Bladder: Hemangiosarcoma															
		0/47	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/48	(0%)	0/50	(0%)	
		0/48	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/49	(0%)	
		0/49	(0%)	0/49	(0%)				0/50	(0%)	0/49	(0%)			
Overall Incidence	Total	0/393	(0%)	Mean	0%	SD	0%	Total	1/395	(0.25%)	Mean	0.25%	SD	0.71%	
.....															
*Urinary Bladder: Sarcoma															
		0/47	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/48	(0%)	0/50	(0%)	
		0/48	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/49	(0%)	
		0/49	(0%)	0/49	(0%)				0/50	(0%)	0/49	(0%)			
Overall Incidence	Total	0/393	(0%)	Mean	0%	SD	0%	Total	0/395	(0%)	Mean	0%	SD	0%	
.....															
#Uterus: Adenoma															
									0/50	(0%)	0/50	(0%)	0/50	(0%)	
									0/50	(0%)	0/50	(0%)	1/50	(2%)	
									0/50	(0%)	1/50	(2%)			
Overall Incidence	Total							Total	2/400	(0.5%)	Mean	0.5%	SD	0.93%	
.....															
#Uterus: Carcinoma															
									0/50	(0%)	3/50	(6%)	0/50	(0%)	
									0/50	(0%)	1/50	(2%)	0/50	(0%)	
									0/50	(0%)	1/50	(2%)			
Overall Incidence	Total							Total	5/400	(1.25%)	Mean	1.25%	SD	2.12%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male			Female			
#Uterus:						
Hemangioma						
		0/50	(0%)	0/50	(0%)	0/50 (0%)
		0/50	(0%)	0/50	(0%)	0/50 (0%)
		0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD 0%
.....						
#Uterus:						
Hemangiosarcoma						
		0/50	(0%)	0/50	(0%)	0/50 (0%)
		0/50	(0%)	1/50	(2%)	1/50 (2%)
		0/50	(0%)	1/50	(2%)	
Overall Incidence	Total	3/400	(0.75%)	Mean	0.75%	SD 1.04%
.....						
#Uterus:						
Leiomyoma						
		0/50	(0%)	0/50	(0%)	0/50 (0%)
		0/50	(0%)	0/50	(0%)	1/50 (2%)
		0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD 0.71%
.....						
#Uterus:						
Leiomyosarcoma						
		0/50	(0%)	0/50	(0%)	0/50 (0%)
		0/50	(0%)	0/50	(0%)	0/50 (0%)
		1/50	(2%)	1/50	(2%)	
Overall Incidence	Total	2/400	(0.5%)	Mean	0.5%	SD 0.93%
.....						

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male				Female			
#Uterus:							
Polyp Stromal							
		0/50	(0%)	3/50	(6%)	1/50	(2%)
		1/50	(2%)	3/50	(6%)	3/50	(6%)
		2/50	(4%)	1/50	(2%)		
Overall Incidence	Total	14/400	(3.5%)	Mean	3.5%	SD	2.33%
.....							
#Uterus:							
Sarcoma Stromal							
		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	1/400	(0.25%)	Mean	0.25%	SD	0.71%
.....							
#Uterus:							
Sarcoma Stromal or Polyp Stromal							
		0/50	(0%)	3/50	(6%)	1/50	(2%)
		1/50	(2%)	4/50	(8%)	3/50	(6%)
		2/50	(4%)	1/50	(2%)		
Overall Incidence	Total	15/400	(3.75%)	Mean	3.75%	SD	2.71%
.....							
#Uterus:							
Schwannoma Malignant							
		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/400	(0%)	Mean	0%	SD	0%
.....							

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

Male						Female					
#Vagina:											
Squamous Cell Carcinoma											
						0/50	(0%)	0/50	(0%)	0/50	(0%)
						0/50	(0%)	0/50	(0%)	0/50	(0%)
						0/50	(0%)	0/50	(0%)		
Overall Incidence						Total	0/400	(0%)	Mean	0%	SD 0%
.....											
#Vagina:											
Squamous Cell Papilloma											
						0/50	(0%)	0/50	(0%)	0/50	(0%)
						0/50	(0%)	0/50	(0%)	0/50	(0%)
						0/50	(0%)	0/50	(0%)		
Overall Incidence						Total	0/400	(0%)	Mean	0%	SD 0%
.....											
#Zymbal's Gland:											
Carcinoma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence		Total	0/400	(0%)	Mean 0%	SD 0%	Total	0/400	(0%)	Mean 0%	SD 0%
.....											
#Zymbal's Gland:											
Carcinoma or Adenoma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence		Total	0/400	(0%)	Mean 0%	SD 0%	Total	0/400	(0%)	Mean 0%	SD 0%
.....											

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied